To be ſeen by Four, Five, or more, at One Shilling each; in a large Room, at the Wind-mill in Swan Lane, near London Bridge, over-against Crutch's-Coffee-House.

The MICROCOSM:

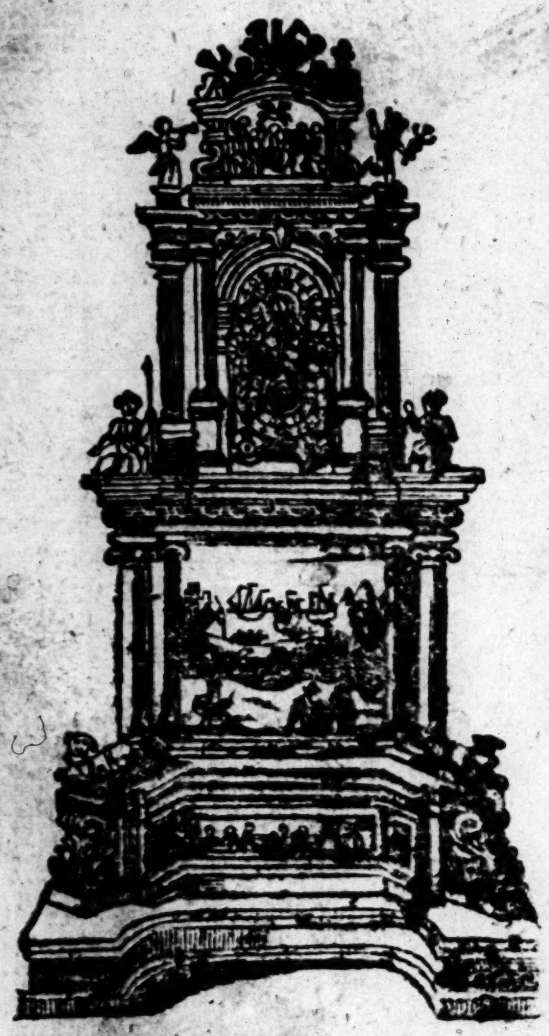
Or, The WORLD *in* MINIATURE,

Lately made by

Mr HENRY BRIDGES;

AFTER Ten Years cloſe Study and Application, when exhibited to public View, was honoured with the Preſence of the ROYAL FAMILY, as well as the Nobility and Gentry, and received the Approbation and Applauſe of the moſt ingenious Profeſſors of the ſeveral Arts and Sciences that compoſe it.

The Author having thus ſucceeded beyond his Expectation, in his firſt Attempt, has ſince, with the utmoſt Aſſiduity, made conſiderable Additions and Improvements; ſo that the Piece is now compleatly finiſhed, and humbly offered to the Curious for their further Approbation.



This Machine, for the Magnificence of its Structure, the Beauty of its Painting and Sculpture, the Excellency of its Muſic, the vaſt Variety and Juſtneſs of its moving Figures, is eſteemed one of the moſt curious Pieces of Mechaniſm, that ever appeared in Europe.

Its Height is Ten Feet, and Breadth in the Baſis Six; and conſiſts properly of four Parts. In the Top are Three beautiful Scenes, which change alternately.

I. The Firſt repreſents the Nine Muſes, playing on diverſe muſical Inſtruments, as the Harp, Hautboy, Baſs Viol, *&c.*

The Second introduces *Orpheus* in the Foreſt, playing on his Lyre, and beating exact Time to each Tune; who by his exquiſite Harmony charms even the wild Beaſts.

The Third ſhews a delightful Grove, wherein are Birds flying, and in various other Motions, warbling out their melodious Notes.

II. In the Second Part, under a grand Arch of the Corinthian Order, ſtands a large Clock (and is as the Primum Mobile of this ſtately Work) which ſhews all the Celeſtial Phænomena: Firſt according to the ancient Ptolomaick Syſtem, tho' now exploded; Secondly, according to that of Copernicus (or the true Solar Syſtem) where the Planets move in Elypitical Orbs round the Sun, in their Periodical Times, always ſhewing the immediate State of the Heavens.

To illuſtrate which Syſtem, and to make the Motions of the Heavenly Bodies more obvious and diſcernable by the Eye.

III. In the Third Part are added Two Planetariums (never before exhibited.) The Firſt repreſents the Solar Syſtem with the Orbits and their proper Excentricities, in Proportion to each other: In which the Planets, in their like Proportion, perform their reſpective annual and diurnal Motions, by Clock-work, with a Velocity of Ten Months Motion in Ten Minutes. The Second is a Syſtem of Jupiter and his Four Satellites, in like Proportion, performing their proper Revolutions with the Solar Syſtem; exhibiting their Immerſions into, and Emerſions out of Jupiter's Shadow; with their Occultations by, and Tranſits over the Body of that Planet; as alſo their mutual Tranſits amongſt each other, with many more Aſtronomical Phænomena than can be here expreſſed.

Likewiſe in this Part is a fine Landſcape, with a Proſpect of the Sea, where Ships are ſailing with a proportionable Motion, according to their ſeeming Diſtance. On the Land are Coaches, Carts and Chaiſes paſſing along, with their Wheels turning as if on the Road, altering their Poſition as they aſcend or deſcend a ſteep Hill: At a great Diſtance is a Wind-Mill going, and nearer, on a River, is a Powder-Mill at work. On the ſame River Swans are ſwimming, fiſhing and bending their Necks backwards to feather themſelves, as if actually alive; alſo the Sporting of the Dog and Duck, and many other Curioſities, too tedious here to particularize.

IV. In the loweſt, or Pedeſtal Part, is ſhewn a Carpenter's Yard, wherein the various Branches of that Trade are moſt naturally repreſented. At the ſame Time it performs ſeveral fine Pieces of Muſick, either ſingle, or in Concert, in a very elegant Manner, moſt of which are entirely new, or compoſed on Purpoſe for this Machine.

This Work is judged by all who have ſeen it, worthy to adorn the Palace of a Prince, as it exceeds whatever has been done of this Kind. And as it will bear ſeeing more than once, 'tis hoped no Perſon will take it amiſs, if not admitted to ſee it a ſecond Time gratis.

N.B. *Mr* Bridges *being engaged in much Buſineſs at Home, would gladly diſpoſe of this Machine, either wholly, or in Partnerſhip.*

4. 77.